

CYANAMID

AMERICAN CYANAMID COMPANY  
BLOOMINGDALE DEPARTMENT

HAVRE DE GRACE, MARYLAND 21078 • TELEPHONE: 301 939-1910

June 9, 1977

Douglas Aircraft Company  
3855 Lakewood Boulevard  
Long Beach, California 90846

Gentlemen:

Reference your letter CI-726-46 dated 2/22/77.  
Shipping information is as follows.

1) HT 424 Film

Surface

Plastic sheeting other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Mixture of Epoxy/Phenolic Resins and Aluminum Powder on a Synthetic Carrier) Plastic Sheetting

PN# 809 RA# 1330

Classification: ORM-A

Quantity Limitation - None

\*Note: When shipping ORM-A, or ORA-A, N.O.S. it is best to check with the airlines to see what type of description they want. Some will want ORM-A and some will want ORA-A, Some want the product name after the N.O.S. Some want the composition as shown above.

Air (International)

Other Restricted Articles, Group A, N.O.S. (Mixture of Epoxy/Phenolic Resins and Aluminum Powder on a Synthetic Carrier) Plastic Sheetting

PN# 692 RA# 1330

Classification ORA-A

Quantity Limitation None

\*Note: When shipping international the product composition must be shown.

*DMS 2103*  
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*7 DMS QPL 1769*  
*5 DPM 5065 (TYPE 1 with Type 2)*

2) HT 424 "B" Primer

DMS QPL 1769 (Type 2)  
DPM 3332  
DPM 5065

Surface

Compounds, Lacquer, Paint or Varnish, Etc., Removing, Reducing or thinning,  
Liquid/Flammable Liquid (Plastic Material, Liquid)

Air (Domestic)

Compounds, Lacquer, Thinning, Liquid  
Flammable Liquid/Flash Point 49°F

PN# 300 RA# 130  
(Passenger Aircraft)  
PN# 320 RA# 130  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Qt/Pkg on Passenger  
55 Gal/Pkg on Cargo

Air (International)

Compounds, Lacquer, Thinning, Liquid  
(Epoxy/Phenolic Resins in Ethylene Dichloride and Aliphatic Alcohols)  
Flammable Liquid/Flash Point 49°F

PN# 300 RA 498  
(Passenger Aircraft)  
PN# 320 RA 498  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Ltr/Pkg on Passenger  
220 Ltrs/Pkg on Cargo

3) HT 424 "B" Primer - 90%

Surface

Plastic Material, Liquid

Air (Domestic)

ORM-A, N.O.S. (Mixture of Epoxy/Phenolic Resins and Aluminum Powder)  
Plastic Material, Liquid

PN# 809 RA# 1330

Classification - ORM-A

Quantity Limitations - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Mixture of Epoxy/Phenolic Resins and Aluminum Powder) Plastic Material Liquid

PN# 692 RA# 1330

Classification - ORA-A

Quantity Limitations - None

HT 424 "F" 30%

Surface

Compounds, Lacquer, Paint or Varnish, Etc., Removing, Reducing, or Thinning, Liquid/Flammable Liquid (Plastic Material, Liquid)

Air (Domestic)

Compounds, Lacquer, Thinning, Liquid/Flammable Liquid/Flash Point 33°F

PN# 300 RA# 130

(Passenger Aircraft)

PN# 320 RA# 130

(Cargo Aircraft Only)

Classification - Flammable Liquid

Quantity Limitations - 1 Qt/Pkg Passenger  
55 Gal/Pkg Cargo

Air (International)

Compounds, Lacquer, Thinning, Liquid (Epoxy/Phenolic Resins in Ethylene Dichloride and Aliphatic Alcohols) Flammable Liquid/Flash Point 33°F

PN# 300 RA# 498

(Passenger Aircraft)

PN# 320 RA# 498

(Cargo Aircraft Only)

Classification - Flammable Liquid

Quantity Limitations - 1 Ltr/Pkg on Passenger  
220 Ltrs/Pkg on Cargo

BR 227 Primer

Surface

Compounds, Lacquer, Paint or Varnish, Etc., Removing, Reducing or Thinning, Liquid/Flammable Liquid (Plastic Material, Liquid)

Air (Domestic)

Compounds, Lacquer, Thinning, Liquid/Flammable Liquid/Flash Point 58°F

PN# 300 RA# 130  
(Passenger Aircraft)

PN# 320 RA# 130  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Qt/Pkg Passenger  
55 Gal/Pkg Cargo

Air (International)

Compounds, Lacquer, Thinning, Liquid (Resins in ethylene Dichloride)  
Flammable Liquid/Flash Point 58°F

PN# 300 RA# 498  
(Passenger Aircraft)

PN# 320 RA# 498  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Ltr/Pkg Passenger  
220 Ltrs/Pkg Cargo

QPL 18926) BR 227A 15 & 30%

Surface

Compounds, Lacquer, Paint or Varnish, Etc., Removing, Reducing or Thinning,  
Liquid/Flammable, Liquid (Plastic Material, Liquid)

Air (Domestic)

Compounds, Lacquer, Thinning, Liquid/Flammable Liquid/Flash Point 33°F (30%)  
17°F (15%)

PN# 300 RA# 130  
(Passenger Aircraft)

PN# 320 RA# 130  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Qt/Pkg Passenger  
55 Gal/Pkg Cargo

Air (International)

Compounds, Lacquer, Thinning, Liquid (Mixture of Resins and Rubber in Methyl  
Ethyl Ketone and Ethylene Dichloride) Flammable Liquid/Flash Point 33°F (30%)  
17°F (15%)

PN# 300 RA# 498  
(Passenger Aircraft)

PN# 320 RA# 498  
(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitations - 1 Ltr/Pkg Passenger  
220 Ltrs/Pkg Cargo

QPL 1911 7) Fm 123-2 -2 OST -5

Surface

Plastic sheeting, other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Modified Nitrile Epoxy Resins on a synthetic carrier)  
Plastic Sheetting

PN# 809 RA# 1330

Classification - ORM-A  
Quantity Limitations - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Modified Epoxy Resins on a Synthetic Carrier) Plastic Sheetting

PN# 692 RA# 1330

Classification - ORA-A  
Quantity Limitation - None

Q11 2103 8) FM 1015 & 1015.U

Surface

Plastic sheeting, other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Mixture of Polyamide, Phenolic and Epoxy Resins on a Synthetic Carrier) Plastic Sheetting

PN# 809 RA# 1330

Classification - ORM-A  
Quantity Limitation - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Mixture of Polyamide, Phenolic and Epoxy Resins on a Synthetic Carrier) Plastic Sheetting

PN# 692 RA# 1330

9) FM 1045

*QPL 1911*

Surface

Plastic sheeting, other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Mixture of Polyamide and Epoxy Resins) Plastic Sheeting

PN# 809 RA# 35

Classification - ORM-A

Quantity Limitation - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Mixture of Polyamide and Epoxy Resins) Plastic Sheeting

PN# 692 RA# 1330

Classification - ORA-A

Quantity Limitation - None

10) BR 1009-8

*QPL 2103*

Surface

Compounds, Lacquer, Paint or Varnish, Etc., Removing, Reducing or Thinning, Liquid/Flammable Liquid (Plastic Material, Liquid)

Air (Domestic)

Compounds, Lacquer, Thinning, Liquid/Flammable Liquid/Flash Point 43°F

PN# 300 RA# 130

(Passenger Aircraft)

PN# 320 RA# 130

(Cargo Aircraft Only)

Classification - Flammable Liquid

Quantity Limitation - 1 Qt/Pkg Passenger  
55 Gal/Pkg Cargo

Air (International)

Compounds, Lacquer, Thinning, Liquid (Polyamide/Epoxy Resins in Methanol and Ethylene Dichloride) Flammable Liquid/Flash Point 43°F

PN# 300 RA# 498

(Passenger Aircraft)

PN# 320 RA# 498

(Cargo Aircraft Only)

Classification - Flammable Liquid  
Quantity Limitation - 1 Ltr/Pkg Passenger  
220 Ltrs/Pkg Cargo

11) FM 37 & FM 40 Core Splice

*DPM 5158 and -1*

Surface

Plastic sheeting, other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Modified Epoxy Resin) Plastic Sheeting

PN# 809 RA# 1330

Classification - ORM-A  
Quantity Limitation - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Modified Epoxy Resin)  
Plastic Sheeting

PN# 692 RA# 1330

Classification - ORA-A  
Quantity Limitation - None

12) FM 43

*DPM 5158 - 2*

Surface

Plastic sheeting, other than cellulose, in lengths of not less than 100 feet rolled to a diameter not less than 3 inches.

Air (Domestic)

ORM-A, N.O.S. (Modified Epoxy Resins with Aluminum Powder) Plastic Sheeting

PN# 809 RA# 1330

Classification - ORM-A  
Quantity Limitation - None

Air (International)

Other Restricted Articles, Group A, N.O.S. (Modified Epoxy Resins with Aluminum Powder) Plastic Sheeting

PN# 692 RA# 1330

Classification - ORA-A  
Quantity Limitation - None

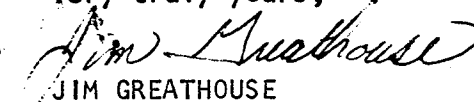
- 13) If material is packed in dry ice, you must state so in the description i.e. packed in dry ice (\_\_\_\_ Lbs of dry ice per package.)

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- 14) When shipping by air you also need a Restricted Article statement in quadruplicate. The shipper retains 1 copy and 3 copies go with the shipment. (Samples attached)
- 15) Material Safety Data Sheets are attached.
- 16) The Toxic Substance Act is to go into effect in November, 1977. At that time all shipments will show the product composition.
- 17) You as a shipper must follow all regulations pertaining to Hazardous Materials. (Code of Federal Regulations Title 49, C.A.B. 82 6D Domestic Air and IATA International Air and if shipping by ocean IMCO).
- 18) C.A.B. 82 6D will be revised effective 6/25/77 what changes will be made, I do not know at this time, I do feel certain they will go to a red and white bordered RA form that can be used for both Domestic and International air shipments. IATA will also have some changes in their 20th edition due out in September, 1977.

We hope this information will help you. If you have any questions, feel free to call me at (301) 939 1910 X 300.

Very truly yours,

  
JIM GREATHOUSE  
TRAFFIC SUPERVISOR  
AMERICAN CYANAMID COMPANY





**HYSOL DIVISION • THE DEXTER CORPORATION**  
P. O. BOX 312, PITTSBURG, CALIF. 94565 415-687-4201

May 12, 1977

— NOT HAZ.

— HAZ.

Douglas Aircraft Company  
3855 Lakewood Boulevard  
Long Beach, California 90846

Attention: Mr. J. Veneroso, Department CI-726 (52-11)  
Materials Handling and Packaging Engineering

— Reference: CI-726-124

Gentlemen:

Regarding your April 29, 1977 inquiry, we are enclosing information on the following products:

EA 951 and EA 951S — QPL 2103  
EA 8 (formerly VIII) and Curing Agent A — DPM 894  
DPM 5655 — EA 6 and Curing Agent A — DPM 5655  
✓ EA 934 — DPM 5535  
✓ EA 956 — DPM 5535-1  
EA 9311 — " 5754  
EA 9308 — 7M DPM (10 12)

All other items on your list are products of the Hysol plant in Industry, Calif. A copy of your request has been forwarded to them for reply.

OSHA Material Safety Data Sheets are enclosed for all of the aforementioned EA adhesives. Flash point information is included in these OSHA forms. The following are classified as "non-restricted articles":

EA 951 and EA 951S — QPL 2103  
✓ EA 934 — DPM 5535  
✓ EA 956 — DPM 5535-1  
EA 9311 — " 5754

Curing Agent A, which is the catalyst (Part B) for both EA 6 and EA 8 is a "Corrosive Liquid N.O.S." (DOT Shipping Name) and a "Corrosive Material" (DOT Hazard Classification). IATA Article #522.

EA 9308, Part B is a "Poisonous Liquid N.O.S. (Epoxy Hardener)" and "Poison Class B" - the DOT Shipping Name and Hazard Classification, respectively. IATA Article #1438.

DOUGLAS AIRCRAFT COMPANY

2.

We trust this information will be useful to you when reshipping Hysol materials.

Very truly yours,

  
R. M. Seppala  
Manager Marketing Services

cc: J. S. Hutcheon  
Hysol Division  
The Dexter Corporation  
Industry, California

Enclosures

RMS:mem